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S. Zimmerman

MS AF
REPLY UNDER
37 C.F.R. § 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 3711

PATENT
0229-0532P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Masahide ONUKI et al. Conf.: 2812
Appl. No.: 09/194,112 Group: 3711
Filed: November 23, 1998 Examiner: BLAU, STEPHEN
For: GOLF CLUB HEAD

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FINAL REJECTION)

RECEIVED
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TECHNOLOGY CENTER R37003

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 7, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449, attached hereto.

II. COPIES

- a. ☒ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

05/08/2003 MGBREM1 00000053 09194112

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III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☒ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Please see the attached abstracts for the references enclosed.

c. ☐ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d):

after the mailing date of a Final Action under § 1.113.

See the Statement Under 37 C.F.R. § 1.97(e).

V. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VI. PAYMENT OF FEES (check one box)

- ☒ A check in the amount of \$180.00 is enclosed for the fee required under 37 C.F.R. § 1.97(d) and as set forth in 37 C.F.R. § 1.17(p).
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$180.00 for the fee required under 37 C.F.R. § 1.97(d) and as set forth in 37 C.F.R. § 1.17(p). A triplicate copy of this paper is attached.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 
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ADM/TBS/crt
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Attachment(s): ☒ PTO-1449
☒ Documents
☐ Foreign Search Report
☒ Fee
☐ Other: _____

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY DOCKET NO.
0229-0532P

APPLICATION NO.
09/194,112

APPLICANT
Masahide ONUKI et al.

FILING DATE
November 23, 1998

GROUP
3711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
	US						
	US						

FOREIGN PATENT DOCUMENTS

Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	5-42236	A	1993-02-23	JAPAN			abs	
	6-10193	A	1994-01-18	JAPAN			abs	
	8-266691	A	1996-10-15	JAPAN			abs	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

Takeo SADA et al., "Advance in recent Golf Clubs, Metal & Technology "KINZOKU" 1992 Vol. 62, No. 6, June 1, 1992, pages 54-60.

Akihisa INOUE et al., "New Alloy of Amorphous-nano crystal" New Material 1993, December 1996, pages 40-47.

Akihisa INOUE "Bulk Amorphous Alloy as Futural Material, Function & Material 1996, Vol. 16, No. 5, April 1, 1996, pages 5-13.

Akihisa INOUE, "Creation of Bulk Metallic Glass and Research of the Functional Properties Thereof", Metal & Technology "KINZOKU" 1996, Vol. 66, No. 11, November 1, 1996, pages 955-960.

Akihisa INOUE et al., "Development of Metal Material with High Strength and High Ductility by Taking Advantage of Aperiodic Structure Phase, Science & Technology February 1997, pages 18 and 19.

JSME Mechanical Engineer's Handbook, December 25, 1984, pages B4 74-75, B4 6-7.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.